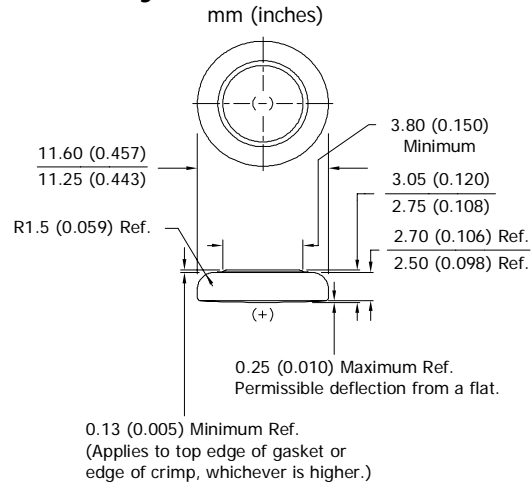


## ENERGIZER 189

## Miniature



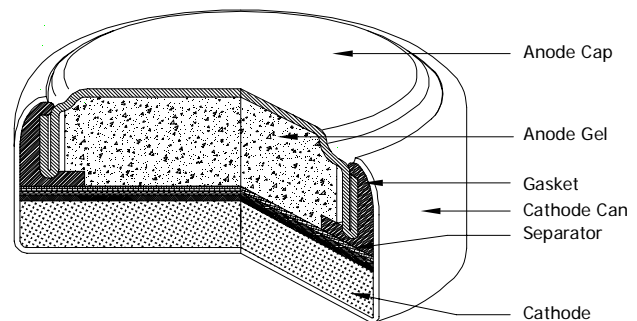
### Industry Standard Dimensions



### Specifications

<b>Chemical System:</b>	Manganese Dioxide ( $\text{MnO}_2$ )
<b>Designation:</b>	IEC-LR54
<b>Nominal Voltage:</b>	1.5 Volts
<b>Typical Capacity:</b>	86 mAh (to 0.9 volts) Rated at 15K ohms / 21°C (70°F)
<b>Typical Weight:</b>	1.0 grams (0.04 ounces)
<b>Typical Volume:</b>	0.30 cubic centimeters (0.02 cubic inch)

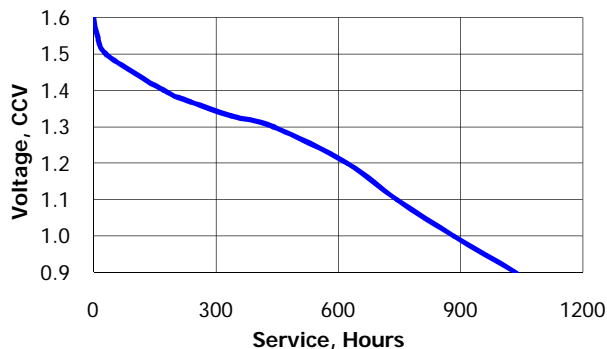
### Cross Section



### Typical Discharge Characteristics

21°C (70°F)

Load: 15K ohms - Continuous  
Typical Drain @ 1.25V: 0.083 mA



### Depth of Discharge Test

Percent of rated Capacity at 21°C (70°F)

Typical closed circuit voltage during discharge  
on a load of 100 ohms for 0.1 to 2.0 seconds

% Rated Capacity	0%	40%	80%
	1.47V	1.17V	1.04V

### Bulge Data

This battery will bulge as it is discharged but will not exceed the maximum height shown on the battery drawing.

Schedule:	Typical Drains: at 1.25V (milliamperes)	Load (ohms)	Cutoff 0.9V (hours)
Continuous	0.083	15,000	1,036

### Important Notice

This data sheet contains typical information specific to products manufactured at the time of its publication.  
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